**Supplemetary File 4**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **A. mRNA expression in SN DA neurons of juvenile wildtype mice** | | | | | | | | | | | |
| **analyzed mRNA** | **mean** | **±SD** | **±SEM** | | **median** | | | **n/N** | | | | |
| **β2** | 0.15 | 0.13 | 0.04 | | 0.16 | | | 10/2 | | | | |
|  | | | | | | | | | | | | |
|  | **B. number of mRNA molecules in DA neurons of adult wildtype mice** | | | | | | | | | | | |
|  | **SN** | | | | | | **VTA** | | | | | |
| **analyzed mRNA** | **mean** | **SD** | **SEM** | **median** | | **N** | **mean** | | **SD** | **SEM** | **median** | **N** | |
| **β2a** | 4.72 | 0.40 | 0.16 | 4.86 | | 6 | 4.62 | | 0.42 | 0.17 | 4.67 | 6 | |
| **β2e** | 9.68\*\*\* | 1.76 | 0.72 | 10.25 | | 6 | 8.43\*\*\* | | 1.93 | 0.79 | 8.13 | 6 | |